

STATE OF CALIFORNIA
California Energy Commission
Minutes of the April 30, 2013, Energy Commission Business Meeting

The meeting was called to order by Chair Robert B. Weisenmiller. The Pledge of Allegiance was led by Chair Weisenmiller.

Present:

Robert B. Weisenmiller, Chair
Karen Douglas, Commissioner

J. Andrew McAllister, Commissioner
Janea A. Scott, Commissioner

1. CONSENT CALENDAR. (Items on the Consent Calendar will be taken up and voted on as a group. A commissioner may request that an item be moved and discussed later in the meeting.)
 - a. PACIFIC GAS AND ELECTRIC COMPANY. Possible approval of Amendment 1 to Contract 500-11-018 with Pacific Gas and Electric Company to add a job classification for the prime contractor, reallocate the budget, and update the terms and conditions. (PIER electricity funding) Contact: Consuelo Sichon.
 - b. ZERE ENERGY AND BIOFUELS, INC. Possible approval of Amendment 1 to Grant PIR-11-016 with ZERE Energy and Biofuels, Inc., to reallocate the budget and add job classifications and minor subcontractors to replace the functions formerly provided by the Principal Investigator, who is no longer with the company. (PIER natural gas funding) Contact: Mike Kane.

Commissioner Douglas moved and Commissioner McAllister seconded approval of the Consent Calendar. The vote was unanimous. (4-0)

2. ENERGY COMMISSION COMMITTEE APPOINTMENTS. Possible approval of appointments to the Energy Commission's Standing Committees and Siting Case Committees. Contact: Kevin Barker. (5 minutes)

Chair Weisenmiller announced that Commissioner Scott will take the lead on transportation issues.

3. BOTTLE ROCK GEOTHERMAL POWER PLANT PROJECT (79-AFC-4C). Possible appointment of a Committee to conduct proceedings regarding the amendment petition filed on March 8, 2013, by Bottle Rock Power, LLC, concerning the Bottle Rock Geothermal Power Plant. The petition requests modification of the requirement to maintain a \$5 million closure bond and a \$10 million environmental impairment insurance policy and several other modifications to its Conditions of Certification. The project is a geothermal electricity generating facility with a permitted generating capacity of 55-megawatts located in Cobb, California, in the Geysers Known Geothermal Resource Area of Lake County. Contact: Paul Kramer. (10 minutes)

Chair Weisenmiller proposed a committee chaired by Commissioner Douglas, with Commissioner Scott as the second member. Commissioner Douglas moved and Commissioner Scott seconded approval of the committee appointment. The vote was unanimous. (4-0)

4. RENEWABLES PORTFOLIO STANDARD ELIGIBILITY GUIDEBOOK. Possible adoption of revisions to the *Renewables Portfolio Standard Eligibility Guidebook*, 7th Edition (*RPS Guidebook*). The *RPS Guidebook* describes the eligibility requirements and process for certifying renewable resources as eligible for California's RPS and describes

how the Energy Commission verifies compliance with the RPS. Proposed changes to the *RPS Guidebook* clarify eligibility requirements, implement changes in law, and incorporate information transferred from the *Overall Program Guidebook* that relate specifically to the RPS. Contact: Kate Zocchetti. (45 minutes)

Commissioner Douglas moved and Commissioner Scott seconded approval of Items 4 and 5 with Errata, and correction of Footnote 39 of the Errata, and not adopting any new language on station service at this time. The vote was unanimous. (4-0)

5. OVERALL PROGRAM GUIDEBOOK FOR THE RENEWABLE ENERGY PROGRAM. Possible adoption of revisions to the *Overall Program Guidebook for the Renewable Energy Program*, 6th Edition (*Overall Program Guidebook*). The *Overall Program Guidebook* describes how the Renewable Energy Program and the program elements are administered; proposed changes to the *Overall Program Guidebook* reflect the transfer of RPS-related information to the *RPS Eligibility Guidebook*. It is anticipated that the *Overall Program Guidebook* will be phased out by the end of 2013. Contact: Kate Zocchetti. (10 minutes)
6. RPS ELIGIBILITY OF BIOMETHANE. Possible approval to lift the suspension of the eligibility of electric generating facilities using biomethane in the Renewables Portfolio Standard program. Contact: Kate Zocchetti. (15 minutes)

Commissioner Douglas moved and Commissioner McAllister seconded approval of Item 6. The vote was unanimous. (4-0)

7. WALNUT VALLEY UNIFIED SCHOOL DISTRICT. Possible approval of Agreement ARV-12-040 with the Walnut Valley Unified School District (District) for a \$278,261 grant to upgrade and expand their existing CNG station with two new compressors to fuel 16 buses simultaneously overnight. This project will allow the District to reliably refuel their existing fleet of CNG buses and continue replacing their older diesel buses with lower emission CNG buses. The District expects to save approximately \$49,500 annually and reduce emissions by 14 tons CO₂e annually once 11 more buses are replaced within the next two years. (ARFVTP funding) Contact: Akasha Kaur Khalsa. (5 minutes)

Commissioner Douglas moved and Commissioner Scott seconded approval of Item 7. The vote was unanimous. (4-0)

8. LOS ANGELES UNIFIED SCHOOL DISTRICT. Possible approval of Agreement ARV-12-041 with the Los Angeles Unified School District (District) for a \$300,000 grant to install 30 single slow-fill compressed natural gas (CNG) dispensing units at the San Julian Bus Lot. This grant will allow the District to refuel their existing fleet of CNG school buses and continue replacing their outdated diesel buses with lower emission CNG buses. (ARFVTP funding) Contact: Shuai “James” Zhang. (5 minutes)

Commissioner McAllister moved and Commissioner Scott seconded approval of Item 8. The vote was unanimous. (4-0)

9. ANAERGIA SERVICES LLC. Possible approval of Agreement PIR-12-002 with Anaergia Services for a \$395,121 grant to fund a demonstration project whereby green waste will be processed through pyrolysis, producing renewable natural gas with a biochar soil amendment as a value-added co-product. This agreement includes \$437,093 in match funding. (PIER natural gas funding) Contact: David Effross. (5 minutes)

Commissioner Scott moved and Commissioner Douglas seconded approval of Item 9. The vote was unanimous. (4-0)

10. FORESIGHT RENEWABLE SOLUTIONS. Possible approval of Agreement PIR-12-004 with Foresight Renewable Solutions for a \$1,749,000 grant to demonstrate an above-ground compressed air energy storage system paired with solar PV in a microgrid context. The proposed system will demonstrate intermittency management, peak shaving, load shifting, and the ability to operate in grid-connected and grid-independent modes, and will permit the facility to achieve greater levels of energy security using renewable energy. This agreement includes \$1,243,570 in match funding. (PIER electricity funding) Contact: Mike Kane. (5 minutes)

Commissioner Douglas moved and Commissioner Scott seconded approval of Item 10. The vote was unanimous. (4-0)

11. ELECTRICORE, INC. Possible approval of Agreement PIR-12-005 with Electricore, Inc. for a \$750,000 grant to survey the plug-in electric vehicle marketplace and research value based design options for standardization of battery modules. Additionally, the recipient will identify barriers to standardizing battery system designs, estimate life-cycle cost impacts required for standardization, and research methods to implement system standards. This agreement includes \$150,000 in match funding. (PIER electricity funding) Contact: Rhett DeMesa. (5 minutes)

Commissioner McAllister recused himself and left the room before consideration of Item 11 because a former employer of his is a subcontractor for this agreement. Commissioner Douglas moved and Commissioner Scott seconded approval of Item 11. The vote was 3-0.

Commissioner McAllister returned to the dais following the vote.

12. HUMBOLDT STATE UNIVERSITY SPONSORED PROGRAMS FOUNDATION. Possible approval of Agreement 500-12-005 with Humboldt State University Sponsored Programs Foundation for \$200,000 to conduct aerial surveys to estimate the abundance and age of golden eagles within the Desert Renewable Energy Conservation Planning area. (PIER electricity funding) Contact: Joe O'Hagan. (5 minutes)

Commissioner Douglas moved and Commissioner McAllister seconded approval of Item 12. The vote was unanimous (4-0).

13. UC DAVIS. Possible approval of Agreement 500-12-006 with the Regents of the University of California on behalf of the Davis campus for a \$900,000 Interagency Agreement to conduct a comprehensive investigation of emissions and leakages across the sub-sectors of California's natural gas infrastructure. Measurements will be taken for all significant source sectors for building, neighborhood, facility, and regional settings. The baseline measurements will identify promising areas for mitigation activities and a means to verify their success. (PIER natural gas funding) Contact: Simone Brant. (5 minutes)

Commissioner Douglas disclosed for the record that she is an adjunct professor at King Hall, the UC Davis School of Law. King Hall is a different department than the UC department interested in this agreement, and therefore there is no conflict of interest. She further disclosed that she is team teaching with Chief Counsel Michael Levy, and therefore the disclosure relates to him as well.

Commissioner McAllister moved and Commissioner Douglas seconded approval of Item 13. The vote was unanimous. (4-0)

14. PACIFIC GAS AND ELECTRIC COMPANY. Possible approval of Amendment 3 to Contract 400-07-005 with Pacific Gas and Electric Company to add \$685,562 and extend

the agreement by 18 months to continue its daily application processing and call center activities of the New Solar Homes Partnership (NSHP) within its service territory. This amendment provides additional time and funding necessary to cover program application processing activities and allow for program growth, makes minor changes in the scope of work, and updates the terms and conditions of the agreement. (RRTF and ERPA funding) Contact: Le-Quyen Nguyen. (5 minutes)

Items 14, 15 and 16 were considered together. Commissioner McAllister moved and Commissioner Douglas seconded approval of Items 14, 15 and 16. The vote was unanimous. (4-0)

15. **SAN DIEGO GAS AND ELECTRIC COMPANY.** Possible approval of Amendment 3 to Contract 400-07-006 with San Diego Gas and Electric Company to add \$360,087 and extend the agreement by 18 months to continue its daily application processing and call center activities of the New Solar Homes Partnership (NSHP) within its service territory. This amendment provides additional time and funding necessary to cover program application processing activities and allow for program growth, makes minor changes in the scope of work, and updates the terms and conditions of the agreement. (RRTF and ERPA funding) Contact: Le-Quyen Nguyen. (5 minutes)
16. **SOUTHERN CALIFORNIA EDISON COMPANY.** Possible approval of Amendment 3 to Contract 400-07-007 with Southern California Edison Company to add \$454,351 and extend the agreement by 18 months to continue its daily application processing and call center activities of the New Solar Homes Partnership (NSHP) within its service territory. This amendment provides additional time and funding necessary to cover program application processing activities and allow for program growth, makes minor changes in the scope of work, and updates the terms and conditions of the agreement. (RRTF and ERPA funding) Contact: Le-Quyen Nguyen. (5 minutes)
17. **Minutes:** Possible approval of the April 10, 2013, Business Meeting Minutes.
Commissioner Douglas moved and Commissioner Scott seconded approval of the Minutes. The vote was 3-0-1. Chair Weisenmiller abstained.
18. **Lead Commissioner or Presiding Member Reports.** A Lead Commissioner on a policy matter may report to the Commission on the matter and discussion may follow. A Presiding Member on a delegated committee may report to the Commission on the matter and discussion may follow.
19. **Chief Counsel's Report:** None.
20. **Executive Director's Report.** Executive Director Rob Oglesby gave the report.
21. **Public Adviser's Report.** None.
22. **Public Comment:** None.

Appearances:

Mr. Anthony Andreoni, California Municipal Utilities Association
Mr. Michael Boccador, BioFuels Pt. Loma
Mr. Darren Bouton, CYRQ Energy
Mr. Dario Frommer, JRE/Element Markets
Ms. Rachel Gold, Scale Solar Association (by telephone)
Mr. Oscar Herrera, Southern California Public Power Association (by telephone)
Mr. Randy Howard, Los Angeles Department of Water and Power
Mr. Juan Josse, Anaergia Services, LLC

Ms. Yihwa Kim, Los Angeles Unified School District (by telephone)
Mr. Andy Schwartz, Solar City
Mr. Tim Tutt, Sacramento Municipal Utilities District
Ms. Valerie Winn, Pacific Gas and Electric Company

There being no further business, the meeting was adjourned.

Respectfully submitted,

Harriet Kallemeyn
Secretary to the Commission